

January 22, 2004

BY OVERNIGHT MAIL

Mr. Kevin Brannelly, Director Rates and Revenue Requirements Division Department of Telecommunications and Energy One South Station, 2nd floor Boston, MA 02110

Re:

D.T.E. 99-60 - Fitchburg Gas and Electric Light

Company, Default Service Tariff Filing M.D.T.E. No. 108

for March 1, 2004

Transmittal Letter

Dear Mr. Brannelly:

Pursuant to Fitchburg Gas and Electric Light Company ("FG&E") hereby submits two copies of revised Tariff Sheet No. 108 to implement FG&E's revised Default Service prices for its regular and large general service and outdoor lighting customers. The tariff sheet incorporates the new prices in both redlined and final version. The results of FG&E's Request for Proposals ("RFP") are being filed with the Department today under separate cover. This tariff is proposed to become effective on March 1, 2004.

FG&E will continue to notify customers of the changes in the default service rates in compliance with the Order in DTE 99-60-C using notices developed in conjunction with the default service education working group and the Department's Consumer Division. FG&E will also post its approved rates on its website and make them available via a toll free number at least 30 days in advance of March 1, 2004.

Pursuant to the Motion for Protective Treatment filed today under separate cover, FG&E seeks to protect from public disclosure the wholesale prices bid in response to its RFP. Accordingly, FG&E is filing the confidential original and one copy of the tariff sheets which contain the unredacted version of Attachment 1 with Secretary Cottrell, and is providing

Gary Epler Senior Regulatory Counsel

6 Liberty Lane West Hampton, NH 03842-1720

Phone: 603-773-6440 Fax: 603-773-6640 Email: epler@unitil.com Kevin Brannelly, Director January 22, 2004 Page 2

redacted versions of the tariff sheets and Attachment 1, which do not disclose the wholesale prices, to you and all other recipients.¹

Please contact me directly should you have any question regarding this matter.

Very truly yours,

Gary Ebler

Senior Regulatory Counsel

Enclosure

CC:

Mary L. Cottrell, Secretary (unredacted original and copy)

Jeanne Voveris, Esquire, Hearing Officer

Ronald LeComte, Director, Electric Power Division

Alexander Cochis, Asst. Attorney General (2 unredacted copies)
Robert Sydney, General Counsel, Division of Energy Resources (1

unredacted copy)

David McKeehan, President, No. Central Mass. Chamber of

Commerce

D.T.E. 99-60 Service List

FG&E is also providing two (2) unredacted copies of the filing to the Attorney General and one (1) unredacted copy to the Division of Energy Resources, with whom FG&E has entered into a Nondisclosure Agreement for this proceeding.



January 22, 2004

BY OVERNIGHT MAIL

Ms. Mary L. Cottrell, Secretary Department of Telecommunications and Energy One South Station, 2nd floor Boston, MA 02110

Re:

D.T.E. 99-60 - Fitchburg Gas and Electric Light
Company, Default Service Tariff Filing M.D.T.E. No. 108

for March 1, 2004

Letter of Explanation

Dear Ms. Cottrell:

Today, Fitchburg Gas and Electric Light Company ("FG&E") submitted its Default Service tariff rate filing, M.D.T.E. No. 108. This tariff is proposed to become effective on March 1, 2004. The tariff is based upon the results of FG&E's Request for Proposals ("RFP") for Default Service, which is being filed with the Department today under separate cover.

Enclosed with this letter is a check in the amount of \$100.00 for the required filing fee. Also enclosed is an additional bundled copy of the entire filing submitted today by FG&E in this docket. Kindly date-stamp this bundled copy and return in the self-addressed stamped envelop.

As discussed in more detail in the RFP filing, FG&E sought fixed monthly pricing for regular and large general service and outdoor lighting customers for the three month period beginning March 1, 2004.

FG&E plans to purchase Renewable Energy Certificates ("RECs") as a separate product from the market for this Default Service period, as it had in the immediate prior period. For purposes of this filing, and based upon its analysis of the current REC market, FG&E has estimated the stand-alone price of RECs that would comply with the Renewable Energy Portfolio Standards ("RPS") to be \$40 per MWh.¹ This rate equates to

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¹ As required by the Department's Order on Default Services in D.T.E. 02-40-B, issued on April 24, 2003, please see the RFP filing and the Default Service Bid Evaluation Report for a further discussion of FG&E's RPS compliance strategy.

Mary Cottrell, Secretary January 22, 2004 Page 2

\$0.00060 per kWh for 2004 when the Renewable Energy Portfolio Standard is 1.5% of load. This provides for compliance with 225 CMR 14.00.

FG&E has used the same methodology applied to the winning bids for calculating retail rates for three month solicitation customers as was used in its Default Service rate filing made with the Department on October 23, 2003 and approved on October 30, 2003. The proposed rates are summarized in Attachment 1, Page 1. As shown, the Variable Monthly Pricing Option charges differ by class and by month. The Fixed Pricing Option charges vary by class. Attachment 1, page 2 demonstrates the calculation of both the variable and fixed charges. The fixed charges are equal to the retail variable charges weighted by monthly kWh sales percentages based on a forecast of monthly kWh sales.

Attachment 1, page 2, shows the kWh sales forecast at the bottom of the page. The percentages shown on lines 5-6 are the ratios of the monthly amounts to the totals for the period March - May 2004. Consistent with prior filings, FG&E has continued to assume equal monthly usage as representative of expected usage patterns for the large general service class due to limited participation under Default Service in that class.

These proposed rates represent an increase to regular and large general service customers from 0.0% to 0.2% depending on usage and rate class. A complete set of bill impacts is attached as Attachment 2, pages 1 through 18.

FG&E will continue to notify customers of the changes in the default service rates in compliance with the Order in D.T.E. 99-60-C using notices developed in conjunction with the default service education working group and the Department's Consumer Division. FG&E will also post its approved rates on its website and make them available via a toll free number at least 30 days in advance of March 1, 2004.

Pursuant to the Motion for Protective Treatment filed today under separate cover, FG&E seeks to protect from public disclosure the wholesale prices bid in response to its RFP. Accordingly, FG&E is filing the confidential original and one copy of the tariff sheets which contain the unredacted version of Attachment 1 with your office, and is providing redacted versions of the tariff sheets and Attachment 1, which do not disclose the wholesale prices, to all other recipients, except where noted.²

FG&E is also providing two (2) unredacted copies of the filing to the Attorney General and one (1) unredacted copy to the Division of Energy Resources, with whom FG&E has entered into a Nondisclosure Agreement for this proceeding.

Mary Cottrell, Secretary January 22, 2004 Page 3

Please contact me directly should you have any questions regarding this matter.

Very truly yours,

Gary Epler

Senior Regulatory Counsel

Enclosure

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Jeanne Voveris, Esquire, Hearing Officer

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Kevin Brannelly, Director, Rates and Revenue Requirements Alexander Cochis, Asst. Attorney General (2 unredacted copies) Robert Sydney, General Counsel, Division of Energy Resources (1

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David McKeehan, President, No. Central Mass. Chamber of

Commerce

D.T.E. 99-60 Service List

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

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SCHEDULE DS

1. General

This Tariff may be revised, amended, supplemented or supplanted in whole or in part from time to time according to the procedures provided in MDTE regulations and Massachusetts law. In case of conflict between this Tariff and any orders or regulations of the MDTE, said orders or regulations shall govern.

2. Definitions

- A. "Company" shall mean Fitchburg Gas and Electric Light Company.
- B. "Competitive Supplier" shall mean any entity licensed by the MDTE to sell electricity to retail Customers in Massachusetts, with the following exceptions: (1) a Distribution Company providing Standard Offer Service and Default Service to its distribution Customers, and (2) a municipal light department that is acting as a Distribution Company.
- C. "Customer" shall mean any person, partnership, corporation, or any other entity, whether public or private, who obtains Distribution Service at a Customer Delivery Point and who is a Customer of record of the Company.
- D. "Customer Delivery Point" shall mean the Company's meter or a point designated by the Company located on the Customer's premises.
- E. "Default Service" shall mean the service provided by the Distribution Company to a Customer who is not receiving either Generation Service from a Competitive Supplier or Standard Offer Service, in accordance with the provisions set forth in this tariff.
- F. "Distribution Company" shall mean an electric company organized under the laws of Massachusetts that provides Distribution Service in Massachusetts.
- G. "Distribution Service" shall mean the delivery of electricity to Customers by the Distribution Company.
- H. "Generation Service" shall mean the sale of electricity, including ancillary services such as the provision of reserves, to a Customer by a Competitive Supplier.
- I. "MDTE" shall mean the Massachusetts Department of Telecommunications and Energy.
- J. "Retail Access Date" shall mean March 1, 1998, unless otherwise determined by the MDTE.

SCHEDULE DS (continued)

K. "Standard Offer Service" shall mean the service provided by the Company for a term of seven years after the Retail Access Date, unless otherwise determined by the MDTE. The rates for this service shall be set at levels that achieve the overall Customer rate reductions required by St. 1997, c. 164, § 193 (G.L. c. 164, § IB). Availability for this service shall be in accordance with the with the provisions set forth in the Company's Standard Offer Service tariff, on file with the MDTE.

3. Availability

Default Service shall be available to any Customer who is not receiving Standard Offer Service and who, for any reason, has stopped receiving Generation Service from a Competitive Supplier.

4. Rates

Fixed Pricing Option:

This pricing option is available to all customers.

Effective January 1, 2001, all residential customers on Schedules RD-1 and RD-2 and small general service customers on Schedule GD-1 receiving Default Service will automatically be placed on this fixed rate, unless the Customer elects the Variable Monthly Pricing Option.

The fixed rate will remain the same for three or six months at a time and will be based on the average monthly wholesale price over the three or six-month period that the Company pays to its Default Service provider. The rate is fixed for a period of three months for customers on Schedules GD-2, GD-3, GD-4, GD-5 and SD. The rate is fixed for six months for customers on Schedules RD-1, RD-2, and GD-1.

Customers assigned to this Fixed Pricing Option may choose the Variable Monthly Pricing Option. Customers electing the Variable Monthly Pricing Option will not have the opportunity to switch back to the Fixed Pricing Option for as long as the Customer continues to receive uninterrupted Default Service.

Monthly bills will be recalculated for Customers who are on the Fixed Pricing Option for Default Service and decide to switch to a competitive supplier before the three or six-month period is over. The electric bill for the period of the fixed three or six month rate will be recalculated using the monthly variable rate for that period. This ensures that all consumers pay the actual cost of electricity they have used. This adjustment may be a credit or a debit, and will be reflected on the first bill after the switch is effective.

Residential customers on Schedules RD-1 and RD-2 and small general service customers on Schedule GD-1 who switch to a competitive supplier and later return to Default Service will

SCHEDULE DS (continued)

be initially placed on the Fixed Pricing Option unless the Customer elects the Variable Monthly Pricing Option.

The rates for Fixed Pricing Option Default Service shall be as follows:

For Schedules RD-1, RD-2: \$0.05917 per kWh

For Schedule GD-1: \$0.05928 per kWh

For Schedules GD-2, GD-4, GD-5, SD: \$0.06475 per kWh

For Schedule GD-3: \$0.06252 per kWh

Variable Monthly Pricing Option:

This option is available to all customers.

Effective January 1, 2001, general service customers on Schedules GD-2, GD-3, GD-4, and GD-5 and outdoor lighting customers on Schedule SD receiving Default Service will automatically be placed on this variable monthly rate option, unless the Customer elects the Fixed Pricing Option.

The variable rate will change from month to month reflecting the monthly wholesale price that the Company pays to its Default Service provider.

Customers assigned to the Variable Monthly Pricing Option may choose the Fixed Pricing Option. Customers electing the Fixed Pricing Option will not have the opportunity to switch back to the Variable Monthly Pricing Option for as long as the Customer continues to receive uninterrupted Default Service.

General service customers on Schedules GD-2, GD-3, GD-4, and GD-5 and outdoor lighting customers on Schedule SD who decide to switch to a competitive supplier and later return to Default Service will be initially placed on the Variable Monthly Pricing Option, unless the Customer elects the Fixed Pricing Option.

SCHEDULE DS (continued)

The rates for Variable Monthly Pricing Option Default Service shall be as follows (per kWh):

| <u>Class</u> | December 2003 | January 2004 | February 2004 | <u>March</u> 2004 | <u>April</u> 2004 | <u>May</u> 2004 |
|---|---------------|-----------------|------------------|----------------------|----------------------|--------------------|
| Residential: Schedules RD-1 and RD-2 | \$0.05877 | \$0.06451 | \$0.06502 | \$0.05663 | \$0.05653 | \$0.04921 |
| Small General Service: Schedule GD-1 | \$0.05888 | \$0.06463 | \$0.06514 | \$0.05674 | \$0.05664 | \$0.04930 |
| Regular General Service and Outdoor Lighting: Schedules GD-2, GD-4, GD-5 and SD | \$0.06428 | \$0.06504 | \$0.06407 | \$0.07062 | \$0.06334 | \$0.05942 |
| Large General Service: Schedule GD-3 | \$0.06234 | \$0.06309 | \$0.06214 | \$0.06850 | \$0.06143 | \$0.05763 |

These rate(s) for Default Service are established through a competitive bidding process, but in no case shall exceed the average monthly market price for electricity, as determined by the MDTE.

Customers will be notified of changes in Default Service rates in advance of their effective dates in accordance with guidelines set forth by the MDTE, as may be amended from time to time. Such notifications will be made in a variety of manners including a toll free number, the Company's website, bill inserts, and bill messages. Notification of rates will be made via the Company's website at www.unitil.com and a toll free number 30 days in advance of the effective date. Default Customers will receive 60 day notification of upcoming rate changes via a bill message and 30 day notification of the new rates via a bill message. All customers will receive a bill insert explaining Default Service in the billing cycle prior to the rate change.

5. Billing

Each Customer receiving Default Service shall receive one bill from the Company, reflecting unbundled charges for their electric service.

6. Initiation of Default Service

Default service may be initiated in any of the following manners:

A. A Customer who is receiving Generation Service from a Competitive Supplier notifies the Company that he wishes to terminate such service and receive Default Service. In this instance, Default Service shall be initiated within two (2) business days of such notification for residential Customers. For other Customers, Default Service shall be

SCHEDULE DS (continued)

initiated concurrent with the Customer's next scheduled meter read date, provided that the Customer has provided such notification to the Company two (2) or more business days before the next scheduled meter read date, in accordance with the Company's Terms and Conditions for Competitive Suppliers. If the Customer provided such notification fewer than two (2) days before the Customer's next scheduled meter read date, Default Service shall be initiated concurrent with the Customer's subsequent scheduled meter read date;

- B. A Competitive Supplier notifies the Company that it shall terminate Generation Service to a Customer. In this instance, Default Service shall be initiated for the Customer concurrent with the Customer's next scheduled meter read date, provided that the notice of termination of Generation Service is received by the Company two (2) or more business days before the next scheduled meter read date, in accordance with the Company's Terms and Conditions for Competitive Suppliers. If the notice of termination is received fewer than two (2) days before the Customer's next scheduled meter read date, Default Service shall be initiated concurrent with the Customer's subsequent scheduled meter read date;
- C. A Competitive Supplier ceases to provide Generation Service to a Customer, without notification to the Company. In this instance, Default Service to the Customer shall be initiated immediately upon the cessation of Generation Service;
- D. A Customer taking Standard Offer Service has not chosen affirmatively a Competitive Supplier at the end of the term of Standard Offer Service.

7. Termination of Default Service

Default Service may be terminated by a Customer concurrent with the Customer's next scheduled meter read date provided that notice of initiation of Generation Service by a Competitive Supplier is received by the Company two (2) or more business days before the next scheduled meter read date, in accordance with the Company's Terms and Conditions for Competitive Suppliers.

If the notice of initiation of Generation Service by the Competitive Supplier is received by the Company fewer than two days before the Customer's next scheduled meter read date, Default Service shall be terminated concurrent with the Customer's subsequent scheduled meter read date.

There shall be no fee for terminating Default Service.

SCHEDULE DS (continued)

8. Reconciliation of Default Service Costs

At the end of each calendar year, the Company shall reconcile recoveries with the cost of Default Service pursuant to the Company's Default Service Adjustment - Schedule DSA, MDTE No. 101. Effective December 1, 2002, Default Service costs include:

- 1) Supplier Costs: The costs billed to FG&E by its Default Service providers plus the cost of Renewable Energy Certificates purchased for Default Service in compliance with 225 CMR 14.00 Renewable Energy Portfolio Standard. Renewable Energy Certificates are the title or claim for the generation attributes associated with a Renewable Generator that is compliant with the definition of a New Renewable Generation Source as found in 225 CMR 14.00 Renewable Energy Portfolio Standard.
- 2) Cost of Working Capital, calculated as follows,

Cost of Working Capital = Working Capital Requirement * Tax Adjusted Cost of Capital,

where:

Working Capital Requirement = Supplier Costs * Number of Days Lag/365

Number of Days Lag is the number of days lag to calculate the purchased power working capital requirement as defined in the Company's most recent Lead Lag Study approved by the Department,

Tax Adjusted Cost of Capital = Cost of Debt + (Cost of Equity/(1-Effective Tax Rate))

where:

The Cost of Debt is the debt component of the rate of return as approved by the Department in the Company's most recent base rate case,

The Cost of Equity is the equity component of the rate of return as approved by the Department in the Company's most recent base rate case, and

The Effective Tax Rate is the combined effective state and federal income tax rate;

SCHEDULE DS (continued)

3) Bad Debt Costs, calculated as follows,

Bad Debt Costs = Bad Debt Expense * Allocation Factor

where:

Bad Debt Expense are test year bad debt expense as approved by the Department in the Company's most recent base rate case,

The Allocation Factor as approved by the Department in the Company's reconciliation filing. Such allocation factor shall be based on a percentage of actual account write-offs recorded and tracked for the DS billing components to total write-offs.

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

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| Cancellation Supplement | MDTE 6 | 6 | 1 |
| Cancellation Supplement | MDTE 8 | 0 | 1 |
| Cancellation Supplement | MDPU 7 | 7 | 1 |
| Cancellation Supplement | MDPU 8 | 80 | 1 |
| Cancellation Supplement | MDPU 8 | 3 | 1 |
| Cancellation Supplement | MDPU 8 | 37 | 1 |

Issued: November 26, 2003 January 23, 2004 Effective: January March 1, 2004

SCHEDULE DS

1. General

This Tariff may be revised, amended, supplemented or supplanted in whole or in part from time to time according to the procedures provided in MDTE regulations and Massachusetts law. In case of conflict between this Tariff and any orders or regulations of the MDTE, said orders or regulations shall govern.

2. <u>Definitions</u>

- A. "Company" shall mean Fitchburg Gas and Electric Light Company.
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- C. "Customer" shall mean any person, partnership, corporation, or any other entity, whether public or private, who obtains Distribution Service at a Customer Delivery Point and who is a Customer of record of the Company.
- D. "Customer Delivery Point" shall mean the Company's meter or a point designated by the Company located on the Customer's premises.
- E. "Default Service" shall mean the service provided by the Distribution Company to a Customer who is not receiving either Generation Service from a Competitive Supplier or Standard Offer Service, in accordance with the provisions set forth in this tariff.
- F. "Distribution Company" shall mean an electric company organized under the laws of Massachusetts that provides Distribution Service in Massachusetts.
- G. "Distribution Service" shall mean the delivery of electricity to Customers by the Distribution Company.
- H. "Generation Service" shall mean the sale of electricity, including ancillary services such as the provision of reserves, to a Customer by a Competitive Supplier.
- I. "MDTE" shall mean the Massachusetts Department of Telecommunications and Energy.
- J. "Retail Access Date" shall mean March 1, 1998, unless otherwise determined by the MDTE.

Issued: October 23, 2003 January 23, 2004 Effective: December March 1, 20043

SCHEDULE DS (continued)

K. "Standard Offer Service" shall mean the service provided by the Company for a term of seven years after the Retail Access Date, unless otherwise determined by the MDTE. The rates for this service shall be set at levels that achieve the overall Customer rate reductions required by St. 1997, c. 164, § 193 (G.L. c. 164, § IB). Availability for this service shall be in accordance with the with the provisions set forth in the Company's Standard Offer Service tariff, on file with the MDTE.

3. Availability

Default Service shall be available to any Customer who is not receiving Standard Offer Service and who, for any reason, has stopped receiving Generation Service from a Competitive Supplier.

4. Rates

Fixed Pricing Option:

This pricing option is available to all customers.

Effective January 1, 2001, all residential customers on Schedules RD-1 and RD-2 and small general service customers on Schedule GD-1 receiving Default Service will automatically be placed on this fixed rate, unless the Customer elects the Variable Monthly Pricing Option.

The fixed rate will remain the same for three or six months at a time and will be based on the average monthly wholesale price over the three or six-month period that the Company pays to its Default Service provider. The rate is fixed for a period of three months for customers on Schedules GD-2, GD-3, GD-4, GD-5 and SD. The rate is fixed for six months for customers on Schedules RD-1, RD-2, and GD-1.

Customers assigned to this Fixed Pricing Option may choose the Variable Monthly Pricing Option. Customers electing the Variable Monthly Pricing Option will not have the opportunity to switch back to the Fixed Pricing Option for as long as the Customer continues to receive uninterrupted Default Service.

Monthly bills will be recalculated for Customers who are on the Fixed Pricing Option for Default Service and decide to switch to a competitive supplier before the three or six-month period is over. The electric bill for the period of the fixed three or six month rate will be recalculated using the monthly variable rate for that period. This ensures that all consumers pay the actual cost of electricity they have used. This adjustment may be a credit or a debit, and will be reflected on the first bill after the switch is effective.

Residential customers on Schedules RD-1 and RD-2 and small general service customers on Schedule GD-1 who switch to a competitive supplier and later return to Default Service will

Issued: October 23, 2003 January 23, 2004 Effective: December-March 1, 20043

SCHEDULE DS (continued)

be initially placed on the Fixed Pricing Option unless the Customer elects the Variable Monthly Pricing Option.

The rates for Fixed Pricing Option Default Service shall be as follows:

For Schedules RD-1, RD-2: \$0.05917 per kWh

For Schedule GD-1: \$0.05928 per kWh

For Schedules GD-2, GD-4, GD-5, SD: \$0.064530.06475 per kWh

For Schedule GD-3: \$\(\frac{90.062520.06252}{2}\) per kWh

Variable Monthly Pricing Option:

This option is available to all customers.

Effective January 1, 2001, general service customers on Schedules GD-2, GD-3, GD-4, and GD-5 and outdoor lighting customers on Schedule SD receiving Default Service will automatically be placed on this variable monthly rate option, unless the Customer elects the Fixed Pricing Option.

The variable rate will change from month to month reflecting the monthly wholesale price that the Company pays to its Default Service provider.

Customers assigned to the Variable Monthly Pricing Option may choose the Fixed Pricing Option. Customers electing the Fixed Pricing Option will not have the opportunity to switch back to the Variable Monthly Pricing Option for as long as the Customer continues to receive uninterrupted Default Service.

General service customers on Schedules GD-2, GD-3, GD-4, and GD-5 and outdoor lighting customers on Schedule SD who decide to switch to a competitive supplier and later return to Default Service will be initially placed on the Variable Monthly Pricing Option, unless the Customer elects the Fixed Pricing Option.

Issued: October 23, 2003 January 23, 2004 Effective: December March 1, 20043

SCHEDULE DS (continued)

The rates for Variable Monthly Pricing Option Default Service shall be as follows (per kWh):

| Class | December 2003 | January 2004 | February 2004 | <u>March</u> 2004 | <u>April</u> 2004 | <u>May</u> 2004 |
|---|---------------|-----------------|------------------|------------------------------|-----------------------------|------------------------------|
| Residential: Schedules RD-1 and RD-2 | \$0.05877 | \$0.06451 | \$0.06502 | \$0.05663 | \$0.05653 | \$0.04921 |
| Small General Service: Schedule GD-1 | \$0.05888 | \$0.06463 | \$0.06514 | \$0.05674 | \$0.05664 | \$0.04930 |
| Regular General Service and Outdoor Lighting: Schedules GD-2, GD-4, GD-5 and SD | \$0.06428 | \$0.06504 | \$0.06407 | N/A \$0.07062 | N/A \$0.06334 | N/A \$0.05942 |
| Large General Service: Schedule GD-3 | \$0.06234 | \$0.06309 | \$0.06214 | -N/A \$0.06850 | N/A \$0.06143 | -N/A \$0.05763 |

These rate(s) for Default Service are established through a competitive bidding process, but in no case shall exceed the average monthly market price for electricity, as determined by the MDTE.

Customers will be notified of changes in Default Service rates in advance of their effective dates in accordance with guidelines set forth by the MDTE, as may be amended from time to time. Such notifications will be made in a variety of manners including a toll free number, the Company's website, bill inserts, and bill messages. Notification of rates will be made via the Company's website at www.unitil.com and a toll free number 30 days in advance of the effective date. Default Customers will receive 60 day notification of upcoming rate changes via a bill message and 30 day notification of the new rates via a bill message. All customers will receive a bill insert explaining Default Service in the billing cycle prior to the rate change.

5. Billing

Each Customer receiving Default Service shall receive one bill from the Company, reflecting unbundled charges for their electric service.

6. <u>Initiation of Default Service</u>

Default service may be initiated in any of the following manners:

A. A Customer who is receiving Generation Service from a Competitive Supplier notifies the Company that he wishes to terminate such service and receive Default Service. In this instance, Default Service shall be initiated within two (2) business days of such notification for residential Customers. For other Customers, Default Service shall be

Issued: October 23, 2003 January 23, 2004 Effective: December March 1, 20043

SCHEDULE DS (continued)

initiated concurrent with the Customer's next scheduled meter read date, provided that the Customer has provided such notification to the Company two (2) or more business days before the next scheduled meter read date, in accordance with the Company's Terms and Conditions for Competitive Suppliers. If the Customer provided such notification fewer than two (2) days before the Customer's next scheduled meter read date, Default Service shall be initiated concurrent with the Customer's subsequent scheduled meter read date;

- B. A Competitive Supplier notifies the Company that it shall terminate Generation Service to a Customer. In this instance, Default Service shall be initiated for the Customer concurrent with the Customer's next scheduled meter read date, provided that the notice of termination of Generation Service is received by the Company two (2) or more business days before the next scheduled meter read date, in accordance with the Company's Terms and Conditions for Competitive Suppliers. If the notice of termination is received fewer than two (2) days before the Customer's next scheduled meter read date, Default Service shall be initiated concurrent with the Customer's subsequent scheduled meter read date;
- C. A Competitive Supplier ceases to provide Generation Service to a Customer, without notification to the Company. In this instance, Default Service to the Customer shall be initiated immediately upon the cessation of Generation Service;
- D. A Customer taking Standard Offer Service has not chosen affirmatively a Competitive Supplier at the end of the term of Standard Offer Service.

7. Termination of Default Service

Default Service may be terminated by a Customer concurrent with the Customer's next scheduled meter read date provided that notice of initiation of Generation Service by a Competitive Supplier is received by the Company two (2) or more business days before the next scheduled meter read date, in accordance with the Company's Terms and Conditions for Competitive Suppliers.

If the notice of initiation of Generation Service by the Competitive Supplier is received by the Company fewer than two days before the Customer's next scheduled meter read date, Default Service shall be terminated concurrent with the Customer's subsequent scheduled meter read date.

There shall be no fee for terminating Default Service.

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SCHEDULE DS (continued)

8. Reconciliation of Default Service Costs

At the end of each calendar year, the Company shall reconcile recoveries with the cost of Default Service pursuant to the Company's Default Service Adjustment - Schedule DSA, MDTE No. 101. Effective December 1, 2002, Default Service costs include:

- 1) Supplier Costs: The costs billed to FG&E by its Default Service providers plus the cost of Renewable Energy Certificates purchased for Default Service in compliance with 225 CMR 14.00 Renewable Energy Portfolio Standard. Renewable Energy Certificates are the title or claim for the generation attributes associated with a Renewable Generator that is compliant with the definition of a New Renewable Generation Source as found in 225 CMR 14.00 Renewable Energy Portfolio Standard.
- 2) Cost of Working Capital, calculated as follows,

Cost of Working Capital = Working Capital Requirement * Tax Adjusted Cost of Capital,

where:

Working Capital Requirement = Supplier Costs * Number of Days Lag/365

Number of Days Lag is the number of days lag to calculate the purchased power working capital requirement as defined in the Company's most recent Lead Lag Study approved by the Department,

Tax Adjusted Cost of Capital = Cost of Debt + (Cost of Equity/(1-Effective Tax Rate))

where:

The Cost of Debt is the debt component of the rate of return as approved by the Department in the Company's most recent base rate case,

The Cost of Equity is the equity component of the rate of return as approved by the Department in the Company's most recent base rate case, and

The Effective Tax Rate is the combined effective state and federal income tax rate;

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SCHEDULE DS (continued)

3) Bad Debt Costs, calculated as follows,

Bad Debt Costs = Bad Debt Expense * Allocation Factor

where:

Bad Debt Expense are test year bad debt expense as approved by the Department in the Company's most recent base rate case,

The Allocation Factor as approved by the Department in the Company's reconciliation filing. Such allocation factor shall be based on a percentage of actual account write-offs recorded and tracked for the DS billing components to total write-offs.

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Fitchburg Gas and Electric Light Company Summary of Proposed Default Service Charges March 2004 - May 2004

Variable Monthly Pricing Option Charges, \$/kWh by Rate Schedule

| CONTROL MANUEL CONTROL CONTROL OF NAME OF THE CONTROL OF THE CONTR | - Cital God, WAY!! D | Nate Schiedung | ı.i | | |
|--|----------------------|----------------|-------------|-------------|-----------|
| | <u>GD-2</u> | <u>GD-3</u> | <u>GD-4</u> | <u>GD-5</u> | S |
| March 2004 | \$0.07062 | \$0.06850 | \$0.07062 | \$0.07062 | \$0.07062 |
| April 2004 | \$0.06334 | \$0.06143 | \$0.06334 | \$0.06334 | \$0.06334 |
| May 2004 | \$0.05942 | \$0.05763 | \$0.05942 | \$0.05942 | \$0.05942 |
| Fixed Pricing Option Charges, \$/kWh | \$/KWh | | | | |
| March 2004 - May 2004 | \$0.06475 | \$0.06252 | \$0.06475 | \$0.06475 | \$0.06475 |

Fitchburg Gas and Electric Light Company Default Service Development of Fixed Pricing Option Charges for the period March 2004 - May 2004

REDACTED VERSION

| | Monthly Wholesale Pricing, \$/kWh | | | | |
|------------|---|---------------|--------------|------------|-------------------|
| line | | <u>March</u> | <u>April</u> | <u>May</u> | |
| (1) (2) | Regular and Large General, OL Renewable Energy Credits | \$0.00060 | \$0.00060 | \$0.00060 | |
| | Variable Monthly Pricing Option Charges, \$/kWh (inclu | ding RPS Comp | liance) | | |
| | Distribution | | | | |
| | <u>Losses</u> | <u>March</u> | <u>April</u> | <u>May</u> | |
| (3) | Regular General / Outdoor Lighting | \$0.07062 | \$0.06334 | \$0.05942 | |
| (4) | Large General | \$0.06850 | \$0.06143 | \$0.05763 | |
| | Default Service Percentage of Solicitation kWh Sales b | oy Month | | | |
| | | <u>March</u> | <u>April</u> | <u>May</u> | <u>Total</u> |
| (5) | Regular General / Outdoor Lighting (3 months) | 35.7% | 34.1% | 30.2% | 100.0% |
| (6) | Large General (3 months) | 33.3% | 33.3% | 33.3% | 100.0% |
| | Fixed Pricing Option Charges for March 2004 - May 20 | 04 | | | <u>Total</u> |
| (7) | Regular General / Outdoor Lighting | | | | \$0.06475 |
| (8) | Large General | | | | \$0.06252 |
| (0) | Large Oerieral | | | | φυ.υυ <u>∠</u> υ∠ |
| | Noton | | | | |

Notes:

Line 1, monthly wholesale pricing for Default Service for Schedules GD-2, GD-3, GD-4, GD-5, SD

Line 2, estimated cost of Renewable Energy Certificates that comply with the Renewable Energy Portfolio Standards apply to 1.5% of load in 2004.

Lines 3-4, retail rates based on variable monthly wholesale price adjusted to account for distribution losses.

Lines 5-6, percentage weighting of kWh sales forecast by class for each month in the rate calculation period.

Lines 7-8, weighted average of monthly prices in lines 3-4 using monthly kWh percentages in lines 5-6 for each rate class.

The Regular General / Outdoor Lighting classes include Schedules GD-2, GD-4, GD-5 and SD.

The Large General Class includes Schedule GD-3.

kWh sales forecast for Default Service

| | <u>March</u> | <u>April</u> | <u>May</u> | <u>Total</u> |
|------------------------------------|--------------|--------------|------------|--------------|
| Regular General / Outdoor Lighting | 2,457,092 | 2,347,690 | 2,082,663 | 6,887,445 |
| Large General | 921,381 | 921,381 | 921,381 | 2,764,142 |

| Fitchburg Gas and Electric Light Company | Default Service Typical Bill Analysis - January 2004 Default Service Rate Filing | Impact on GD-2 Rate Customers - 20% I pad Factor |
|--|--|--|
|--|--|--|

| 10 | | \$233.88 | Revenue | Total Difference | Total Difference | |
|-----|--------|------------|------------|---------------------|---------------------|--|
| | 1,460 | | \$234.20 | \$0.32 | 0.1% | |
| 20 | 2,920 | \$460.93 | \$461.57 | \$0.64 | 0.1% | |
| 20 | 7,300 | \$1,142.08 | \$1,143.69 | \$1.61 | 0.1% | |
| | 10,950 | \$1,709.71 | \$1,712.12 | \$2.41 | 0.1% | |
| 100 | 14,600 | \$2,277.33 | \$2,280.55 | \$3.21 | 0.1% | |
| 125 | 18,250 | \$2,844.96 | \$2,848.98 | \$4.01 | 0.1% | |
| 150 | 21,900 | \$3,412.59 | \$3,417.40 | \$4.82 | 0.1% | |

| Present Rates - Effective 1/1/2004: | GD-2 | Proposed Rates - Effective 3/1/2004: | | GD-2 |
|---|--|--|----------------------------|--|
| Delivery Charges: Customer Charge | v | Delivery Charges: Customer Charge | į | \$6.83 |
| Internal Transmission External Transmission Transmission Subtotal | \$0.29 \$0.00112 \$0.00 \$0.00308 \$0.00 \$0.00308 | 2 Internal Transmission B External Transmission O Transmission Subtotal | \$0.29 \$0.00 \$0.29 | \$0.00112 \$0.00308 \$0.00420 |
| Distribution Seabrook Amortization Surcharge Distribution Subtotal | \$5.94 \$0.01419 \$0.00 \$0.00932 \$5.94 \$0.02351 | 9 Distribution 2 Seabrook Amortization Surcharge 1 Distribution Subtotal | \$5.94 \$0.00 \$5.94 | \$0.01419 \$0.00932 \$0.02351 |
| Energy Efficiency Charge Renewable Resources Charge Default Service Adjustment Transition Charge | \$0.00250 \$0.00050 \$0.00000 \$2.57 | D Energy Efficiency Charge C Renewable Resources Charge Default Service Adjustment Transition Charge | \$2.57 | \$0.00250 \$0.00050 \$0.00000 \$0.00000 |
| <u>Supplier Charges:</u> Generation Charge* | \$0.06453 | Supplier Charges: Generation Charge* | • | \$0.06475 |
| Totals | \$8.80 | 4 Totals | \$8.80 | \$0.09546 |

Assumes a monthly load factor of 20%
 Default Service, Fixed

Fitchburg Gas and Electric Light Company
Default Service Typical Bill Analysis - January 2004 Default Service Rate Filing
Impact on GD-2 Rate Customers - 35% Load Factor

| Average Monthly <u>kW</u> | Average Monthly <u>kWh</u> 1 | Present Rates Total <u>Revenue</u> | Proposed Rates Total <u>Revenue</u> | Total Difference | % Total <u>Difference</u> | |
|---------------------------------|------------------------------------|--|---|---------------------|---------------------------------|--|
| 9 | 2,555 | \$338.17 | \$338.73 | \$0.56 | 0.2% | |
| 70 | 5,110 | \$669.51 | \$670.63 | \$1.12 | 0.2% | |
| 20 | 12,775 | \$1,663.52 | \$1,666.33 | \$2.81 | 0.2% | |
| 75 | 19,163 | \$2,491.87 | \$2,496.08 | \$4.22 | 0.2% | |
| 100 | 25,550 | \$3,320.21 | \$3,325.83 | \$5.62 | 0.5% | |
| 125 | 31,938 | \$4,148.56 | \$4,155.58 | \$7.03 | 0.2% | |
| 150 | 38,325 | \$4,976.90 | \$4,985.33 | \$8.43 | 0.2% | |

| Present Rates - Effective 1/1/2004: | | GD-2 | Proposed Rates - Effective 3/1/2004: | | GD-2 |
|---|----------------------------|--|---|----------------------------|--|
| Delivery Charges: Customer Charge | 1 | \$6.83 | Delivery Charges: Customer Charge | 3 | \$6.83 |
| Internal Transmission External Transmission Transmission Subtotal | \$0.29 \$0.29 \$0.29 | \$0.00112 \$0.00308 \$0.00420 | Internal Transmission External Transmission Transmission Subtotal | \$0.29 \$0.00 \$0.29 | \$0.00112 \$0.00308 \$0.00420 |
| Distribution Seabrook Amortization Surcharge Distribution Subtotal | \$5.94 \$0.00 \$5.94 | \$0.01419 \$0.00932 \$0.02351 | Distribution Seabrook Amortization Surcharge Distribution Subtotal | \$5.94 \$0.00 \$5.94 | \$0.01419 \$0.00932 \$0.02351 |
| Energy Efficiency Charge Renewable Resources Charge Default Service Adjustment Transition Charge | \$2.57 | \$0.00250 \$0.00050 \$0.00000 \$0.00000 | Energy Efficiency Charge Renewable Resources Charge Default Service Adjustment Transition Charge | \$2.57 | \$0.00250 \$0.00050 \$0.00000 \$0.00000 |
| Supplier Charges: Generation Charge* | | \$0.06453 | Supplier Charges: Generation Charge* | | \$0.06475 |
| Totals | \$8.80 | \$0.09524 | Totals | \$8.80 | \$0.09546 |

Assumes a monthly load factor of 35%
 Default Service, Fixed

| Fitchburg Gas and Electric Light Company Default Service Typical Bill Analysis - January 2004 Default Service Rate Filing Impact on GD-2 Rate Customers - 50% Load Factor |
|---|
|---|

| 3 | Average Monthly <u>kW</u> | Average Monthly <u>kWh</u> 1 | Present Rates Total <u>Revenue</u> | Proposed Rates Total Revenue | Total <u>Difference</u> | % Total <u>Difference</u> | |
|---|---------------------------------|------------------------------------|--|------------------------------------|----------------------------|---------------------------------|--|
| | 10 | 3,650 | \$442.46 | \$443.26 | \$0.80 | 0.5% | |
| | 20 | 2,300 | \$878.08 | \$879.69 | \$1.61 | 0.2% | |
| | 20 | 18,250 | \$2,184.96 | \$2,188.98 | \$4.01 | 0.5% | |
| | 75 | 27,375 | \$3,274.03 | \$3,280.05 | \$6.02 | 0.5% | |
| | 190 | 36,500 | \$4,363.09 | \$4,371.12 | \$8.03 | 0.5% | |
| | 125 | 45,625 | \$5,452.16 | \$5,462.19 | \$10.04 | 0.2% | |
| | 150 | 54,750 | \$6,541.22 | \$6,553.27 | \$12.05 | 0.2% | |

| Present Rates - Effective 1/1/2004: | | GD-2 | Proposed Rates - Effective 3/1/2004: | | GD-2 |
|---|----------------------------|--|---|----------------------------|--|
| <u>Delivery Charges:</u> Customer Charge | | \$6.83 | Delivery Charges: Customer Charge | | \$6.83 |
| Internal Transmission External Transmission Transmission Subtotal | \$0.29 \$0.00 \$0.29 | \$0.00112 \$0.00308 \$0.00420 | Internal Transmission External Transmission Transmission Subtotal | \$0.29 \$0.00 \$0.29 | \$0.00112 \$0.00308 \$0.00420 |
| Distribution Seabrook Amortization Surcharge Distribution Subtotal | \$5.94 \$0.00 \$5.94 | \$0.01419 \$0.00932 \$0.02351 | Distribution Seabrook Amortization Surcharge Distribution Subtotal | \$5.94 \$0.00 \$5.94 | \$0.01419 \$0.00932 \$0.02351 |
| Energy Efficiency Charge Renewable Resources Charge Default Service Adjustment Transition Charge | \$2.57 | \$0.00250 \$0.00050 \$0.00000 \$0.00000 | Energy Efficiency Charge Renewable Resources Charge Default Service Adjustment Transition Charge | \$2.57 | \$0.00250 \$0.00050 \$0.00000 \$0.00000 |
| <u>Supplier Charges:</u> Generation Charge* | | \$0.06453 | Supplier Charges: Generation Charge* | | \$0.06475 |
| Totals | \$8.80 | \$0.09524 | Totals | \$8.80 | \$0.09546 |

Assumes a monthly load factor of 50%
 Default Service, Fixed

Difference Total \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 Difference Total Fitchburg Gas and Electric Light Company
Default Service Typical Bill Analysis - January 2004 Default Service Rate Filing
Impact on GD-3 Rate Customers - 40% Load Factor and 43% On Peak Energy Usage \$19,358.17 \$25,644.23 \$31,930.28 \$47,645.42 \$63,360.57 \$79,075.71 \$6,786.06 \$13,072.11 Proposed Rates Total Revenue \$6,786.06 \$13,072.11 \$19,358.17 \$25,644.23 \$31,930.28 \$47,645.42 \$63,360.57 \$79,075.71 \$94,790.85 Present Rates Revenue Average Off Peak kWh¹ 33,288 66,576 99,864 133,152 166,440 249,660 332,880 416,100 499,320 Average On Peak <u>kWh</u>¹ 25,112 50,224 75,336 100,448 125,560 125,560 188,340 251,120 313,900 376,680 Average Monthly kVa 200 600 600 600 7,500 3,000

| Present Rates - Effective 1/1/2004: | | ć | | Proposed Rates - Effective 3/1/2004: | | | |
|--|---------|-------------------------------------|----------------------------|--|---------|--------------------------------------|----------------------------|
| <u>Delivery Charges:</u> | | 2 | | Delivery Charges: | | GD-3 | |
| Customer Charge | All kVA | \$500.00 kWh | | Customer Charge | All kVA | \$500.00 | |
| Internal Transmission | \$0.21 | \$0.00133 \$0.00064 | On Peak Off Peak | Internal Transmission | \$0.21 | \$0.00133 | On Peak Off Peak |
| External Transmission | \$0.00 | \$0.00308 | ₹ | External Transmission | \$0.00 | \$0.00308 | ₹ |
| ransmission Subtotals | \$0.21 | \$0.00441 \$0.00372 | On Peak Off Peak | Transmission Subtotals | \$0.21 | \$0.00441 \$0.00372 | On Peak Off Peak |
| Distribution | \$2.95 | \$0.01225 | On Peak | Distribution | \$2.95 | \$0.01225 | On Peak |
| Seabrook Amortization Surcharge | 80.00 | \$0.002/5 | On reak All | Seabrook Americation Succession | ç | \$0.00275 | Off Peak |
| Distribution Subtotals | \$2.95 | \$0.00985 | On Peak Off Peak | Distribution Subtotals | \$2.95 | \$0.01935 \$0.00985 | On Peak Off Peak |
| Energy Efficiency Charge Renewable Resources Charge | | \$0.00250 \$0.00050 | All All | Energy Efficiency Charge Renewable Resources Charge | | \$0.00250 | ₹ ₹ |
| Default Service Adjustment Transition Charge | \$3.83 | \$0.00000 \$0.00053 \$0.00000 | All On Peak Off Peak | Default Service Adjustment Transition Charge | \$3.83 | \$0.00000 \$0.000053 \$0.00000 | All On Peak Off Peak |
| <u>Supplier Charges:</u> Generation Charge* | | \$0.06252 | All | Supplier Charges: Generation Charge* | | \$0.06252 | ᅙ |
| Totals | \$6.99 | \$0.08981 \$0.07909 | On Peak Off Peak | Totals | \$6.99 | \$0.08981 \$0.07909 | On Peak Off Peak |

1. Assumes a 40% monthly load factor and 43% On Peak Energy Usage

* Default Service, Fixed

Fitchburg Gas and Electric Light Company
Default Service Typical Bill Analysis - January 2004 Default Service Rate Filing
Impact on GD-3 Rate Customers - 40% Load Factor and 48% On Peak Energy Usage

| % Total Difference | ~ 0 | %0: | %0 | %0: | %0 | % 0: | %0 | %0.0 | % 0: |
|---|------------|-------------|-------------|-------------|--------------|--------------|-------------|-------------|--------------|
| • | | | | | | | | | |
| Total <u>Difference</u> | \$0 | \$0. | .0\$ | 20\$ | .0 \$ | .0 \$ | .0\$ | \$0.00 | .0 \$ |
| Proposed Rates Total <u>Revenue</u> | \$6,817.36 | \$13,134.72 | \$19,452.08 | \$25,769.44 | \$32,086.80 | \$47,880.19 | \$63,673.59 | \$79,466.99 | \$95,260.39 |
| Present Rates Total <u>Revenue</u> | \$6,817.36 | \$13,134.72 | \$19,452.08 | \$25,769.44 | \$32,086.80 | \$47,880.19 | \$63,673.59 | \$79,466.99 | \$95,260.39 |
| Average Off Peak <u>kWh</u> ¹ | 30,368 | 60,736 | 91,104 | 121,472 | 151,840 | 227,760 | 303,680 | 379,600 | 455,520 |
| Average On Peak <u>kWh</u> ¹ | 28,032 | 56,064 | 84,096 | 112,128 | 140,160 | 210,240 | 280,320 | 350,400 | 420,480 |
| Average Monthly <u>kVa</u> | 200 | 400 | 009 | 800 | 1,000 | 1,500 | 2,000 | 2,500 | 3,000 |

| Present Rates - Effective 1/1/2004: | | i i | | Proposed Rates - Effective 3/1/2004: | | , c | |
|---|--------|---|-----------------------------------|---|--------------------------|---|-----------------------------------|
| Delivery Charges: | | Ŝ | | Delivery Charges: | | ? | |
| Customer Charge | | \$500.00 | | Customer Charge | , | \$500.00 | |
| Internal Transmission | \$0.21 | \$0.00133 | On Peak | Internal Transmission | All kVA \$0.21 | \$0.00133 | On Peak |
| External Transmission | \$0.00 | \$0.00064 \$0.00308 | Off Peak All | External Transmission | \$0.00 | \$0.00064 \$0.00308 | O# Peak |
| Transmission Subtotals | \$0.21 | \$0.00441 | On Peak Off Peak | Transmission Subtotals | \$0.21 | \$0.00441 | On Peak Off Peak |
| Distribution | \$2.95 | \$0.01225 | On Peak | Distribution | \$2.95 | \$0.01225 | On Peak |
| Seabrook Amortization Surcharge Distribution Subtotals | \$0.00 | \$0.00273 \$0.00710 \$0.01935 \$0.00985 | On Peak Off Peak | Seabrook Amortization Surcharge Distribution Subtotals | \$0.00 | \$0.00273 \$0.00710 \$0.01935 \$0.00985 | Off Peak |
| Energy Efficiency Charge Renewable Resources Charge Default Service Adjustment Transition Charge | \$3.83 | \$0.00250 \$0.00050 \$0.00000 \$0.00053 \$0.00005 | Ali Ali On Peak Off Peak | Energy Efficiency Charge Renewable Resources Charge Default Service Adjustment Transition Charge | \$3.83 | \$0.00250 \$0.00050 \$0.00000 \$0.00053 \$0.00000 | All All On Peak Off Peak |
| <u>Supplier Charges:</u> Generation Charge [⋆] | | \$0.06252 | All | Supplier Charges: Generation Charge* | | \$0.06252 | ₹ |
| Totals | \$6.99 | \$0.08981 \$0.07909 | On Peak Off Peak | Totals | \$6.99 | \$0.08981 \$0.07909 | On Peak Off Peak |

Assumes a 40% monthly load factor and 48% On Peak Energy Usage * Default Service, Fixed

| Fitchburg Gas and Electric Light Company | Default Service Typical Bill Analysis - January 2004 Default Service Rate Filing | Impact on GD-3 Rate Customers - 40% Load Factor and 60% On Peak Energy Usage |
|--|--|--|
|--|--|--|

| | | | | | | | | - | | _ |
|---|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---|
| | | | | | | | | | | |
| % Total <u>Difference</u> | %0.0 | 0.0% | 0.0% | %0.0 | 0.0% | 0.0% | %0.0 | %0.0 | %0.0 | |
| | | 2 2 | 8 | 8 | | 9 | 0 | | 2 | |
| Total <u>Difference</u> | 3 0.0 | 80.0 | 80.0 | 20.0 | 20.0 | \$0.0 | 20.0 | 20.0 | \$0.00 | |
| seg. | 2.48 | 1.97 | 7.45 | - 26. | 2.42 | 3.64 | 1.85 | 90.0 | 7.27 | |
| Proposed Rates Total <u>Revenue</u> | \$6,892.48 | \$13,28 | \$19,677.45 | \$26,06 | \$32,46 | \$48,44 | \$64,42 | \$80,406.06 | \$96,387.27 | |
| | | | | | | | | | | _ |
| Present Rates Total <u>Revenue</u> | \$6,892.48 | \$13,284.97 | \$19,677.45 | \$26,069.94 | \$32,462.42 | \$48,443.64 | \$64,424.85 | \$80,406.06 | \$96,387.27 | |
| | | | | | | | | | | - |
| Average Off Peak KWh | 23,360 | 46,720 | 70,080 | 93,440 | 116,800 | 175,200 | 233,600 | 292,000 | 350,400 | |
| Average On Peak kWh | 040 | 080 | ,120 | 91, | 200 | 08. | 94, | 00, | 009 | _ |
| 8 6 3I | 35 | 6 | 105 | 140 | 175 | 562 | 320 | 438 | 525 | |
| Average Monthly <u>kVa</u> | 200 | 400 | 009 | 800 | 1,000 | 1,500 | 2,000 | 2,500 | 3,000 | _ |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

| Present Rates - Effective 1/1/2004: | | į | ± | Proposed Rates - Effective 3/1/2004: | | | |
|---|--------|---|--|---|--------------------------|---|--|
| Delivery Charges: Customer Charge | | \$500.00 | | Delivery Charges: Customer Charge | | GD-3 \$500.00 | |
| Internal Transmission | \$0.21 | \$0.00133 | On Peak | Internal Transmission | All kVA \$0.21 | kWh \$0.00133 | On Peak |
| External Transmission Transmission Subtotals | \$0.00 | \$0.00064 \$0.00308 \$0.00441 \$0.00372 | Off Peak All On Peak Off Peak | External Transmission Transmission Subtotals | \$0.00 | \$0.00064 \$0.00308 \$0.00441 \$0.00372 | Off Peak All On Peak Off Peak |
| Distribution | \$2.95 | \$0.01225 | On Peak | Distribution | \$2.95 | \$0.01225 | On Peak |
| Seabrook Amortization Surcharge Distribution Subtotals | \$0.00 | \$0.00273 \$0.00710 \$0.01935 \$0.00985 | Off Peak On Peak Off Peak | Seabrook Amortization Surcharge Distribution Subtotals | \$0.00 | \$0.00275 \$0.00710 \$0.01935 \$0.00985 | Off Peak On Peak Off Peak |
| Energy Efficiency Charge Renewable Resources Charge Default Service Adjustment Transition Charge | \$3.83 | \$0.00250 \$0.00050 \$0.00000 \$0.00053 \$0.00000 | All Ali Ali On Peak Off Peak | Energy Efficiency Charge Renewable Resources Charge Default Service Adjustment Transition Charge | \$3.83 | \$0.00250 \$0.00050 \$0.00000 \$0.00053 \$0.00063 | All All On Peak Off Peak |
| <u>Supplier Charges:</u> Generation Charge⁴ | | \$0.06252 | Ψ | Supplier Charges: Generation Charge* | | \$0.06252 | ₹ |
| Totals | \$6.99 | \$0.08981 \$0.07909 | On Peak Off Peak | Totals | \$6.98 | \$0.08981 \$0.07909 | On Peak Off Peak |

Assumes a 40% monthly load factor and 60% On Peak Energy Usage
 Default Service, Fixed

Fitchburg Gas and Electric Light Company
Default Service Typical Bill Analysis - January 2004 Default Service Rate Filing
Impact on GD-3 Rate Customers - 57% Load Factor and 43% On Peak Energy Usage

| % Total <u>Difference</u> | %0:0 | 0.0% | 0.0% | %0:0 | %0.0 | %0:0 | %0:0 | %0.0 | %0:0 |
|---|------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|
| Total Difference | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Proposed Rates Total <u>Revenue</u> | \$8,863.48 | \$17,226.96 | \$25,590.44 | \$33,953.92 | \$42,317.40 | \$63,226.11 | \$84,134.81 | \$105,043.51 | \$125,952.21 |
| Present Rates Total <u>Revenue</u> | \$8,863.48 | \$17,226.96 | \$25,590.44 | \$33,953.92 | \$42,317.40 | \$63,226.11 | \$84,134.81 | \$105,043.51 | \$125,952.21 |
| Average Off Peak KWh | 47,435 | 94,871 | 142,306 | 189,742 | 237,177 | 355,766 | 474,354 | 592,943 | 711,531 |
| Average On Peak KWh | 35,785 | 71,569 | 107,354 | 143,138 | 178,923 | 268,385 | 357,846 | 447,308 | 536,769 |
| Average Monthly <u>kVa</u> | 200 | 400 | 009 | 800 | 1,000 | 1,500 | 2,000 | 2,500 | 3,000 |
| | | | | | | | | | |

| Present Rates - Effective 1/1/2004: | | | | Proposed Rates - Effective 3/1/2004: | | | |
|---|--------------------------|---|--|---|----------------------------------|---|--|
| Delivery Charges: Customer Charge | | GD-3 \$500.00 | | Delivery Charges: Customer Charge | | GD-3 \$500.00 | |
| Internal Transmission | <u>All kVA</u> \$0.21 | \$0.00133 | On Peak | Internal Transmission | All kVA \$ 0.21 | kWh \$0.00133 | On Peak |
| External Transmission Transmission Subtotals | \$0.00 | \$0.00064 \$0.00308 \$0.00441 \$0.00372 | Off Peak All On Peak Off Peak | External Transmission Transmission Subtotals | \$0.00 \$0.21 | \$0.00064 \$0.00308 \$0.00441 \$0.00372 | Off Peak All On Peak Off Peak |
| Distribution | \$2.95 | \$0.01225 | On Peak | Distribution | \$2.95 | \$0.01225 | On Peak |
| Seabrook Amortization Surcharge Distribution Subtotals | \$0.00 | \$0.00273 \$0.00710 \$0.01935 \$0.00985 | Oil reak Oil Peak Off Peak | Seabrook Amortization Surcharge Distribution Subtotals | \$2.95 | \$0.00275 \$0.00710 \$0.01935 \$0.00985 | Off Peak On Peak Off Peak |
| Energy Efficiency Charge Renewable Resources Charge Default Service Adjustment Transition Charge | \$3.83 | \$0.00250 \$0.00050 \$0.00000 \$0.00053 \$0.00000 | All All On Peak Off Peak | Energy Efficiency Charge Renewable Resources Charge Default Service Adjustment Transition Charge | \$3.83 | \$0.00250 \$0.00050 \$0.00000 \$0.00053 \$0.00053 | All All On Peak Off Peak |
| Supplier Charges: Generation Charge* | | \$0.06252 | F | Supplier Charges: Generation Charge* | | \$0.06252 | ₹ |
| Totals | \$6.99 | \$0.08981 \$0.07909 | On Peak Off Peak | Totals | \$6.99 | \$0.08981 \$0.07909 | On Peak Off Peak |

Assumes a 57% monthly load factor and 43% On Peak Energy Usage * Default Service, Fixed

Fitchburg Gas and Electric Light Company
Default Service Typical Bill Analysis - January 2004 Default Service Rate Filing
Impact on GD-3 Rate Customers - 57% Load Factor and 48% On Peak Energy Usage

| | • | | | | | | | | |
|-----------------------------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|
| % Total <u>Difference</u> | 0.0% | %0.0 | %0.0 | %0.0 | %0.0 | %0.0 | %0.0 | %0.0 | %0.0 |
| Total <u>Difference</u> | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Proposed Rates Total Revenue | \$8,908.09 | \$17,316.17 | \$25,724.26 | \$34,132.35 | \$42,540.43 | \$63,560.65 | \$84,580.87 | \$105,601.08 | \$126,621.30 |
| Present Rates Total Revenue | \$8,908.09 | \$17,316.17 | \$25,724.26 | \$34,132.35 | \$42,540.43 | \$63,560.65 | \$84,580.87 | \$105,601.08 | \$126,621.30 |
| Average Off Peak <u>kWh</u> | 43,274 | 86,549 | 129,823 | 173,098 | 216,372 | 324,558 | 432,744 | 540,930 | 649,116 |
| Average On Peak KWh | 39,946 | 79,891 | 119,837 | 159,782 | 199,728 | 299,592 | 399,456 | 499,320 | 599,184 |
| Average Monthly KVa | 200 | 400 | 009 | 800 | 1,000 | 1,500 | 2,000 | 2,500 | 3,000 |

| | \$500.00 | \$0.00133 On Peak | \$0.0004 Oil Peak \$0.00044 On Peak \$0.00372 Off Peak | \$0.01225 On Peak | | \$0.00250 All \$0.00050 All \$0.00000 All \$0.00053 On Peak \$0.00000 Off Peak | \$0.06252 All | \$0.08981 On Peak |
|--------------------------------------|---|-----------------------|--|-------------------|---|---|--|-------------------|
| | | \$0.21 | \$0.00 \$0.21 | \$2.95 | \$0.00 | \$3.83 | | \$6.99 |
| Proposed Rates - Effective 3/1/2004: | <u>Delivery Charges:</u> Customer Charge | Internal Transmission | External Transmission Transmission Subtotals | Distribution | Seabrook Amortization Surcharge Distribution Subtotals | Energy Efficiency Charge Renewable Resources Charge Default Service Adjustment Transition Charge | <u>Supplier Charges:</u> Generation Charge* | Totals |
| | | On Peak | Off Peak | On Peak | All On Peak Off Peak | All All All Off Peak Off Peak | Ψ | On Peak |
| ć | \$500.00 | \$0.00133 | \$0.00372 \$0.00372 | \$0.01225 | \$0.00210 \$0.01935 \$0.00985 | \$0.00250 \$0.00050 \$0.00000 \$0.00053 \$0.00000 | \$0.06252 | \$0.08981 |
| | • | 80.21 | \$0.00 | \$2.95 | \$2.95 | \$3.83 | | \$6.99 |
| Present Rates - Effective 1/1/2004: | <u>Delivery Charges:</u> Customer Charge | Internal Transmission | External Transmission Transmission Subtotals | Distribution | Seabrook Amortization Surcharge Distribution Subtotals | Energy Efficiency Charge Renewable Resources Charge Default Service Adjustment Transition Charge | <u>Supplier Charges:</u> Generation Charge [⋆] | Totals |

1. Assumes a 57% monthly load factor and 48% On Peak Energy Usage * Default Service, Fixed

| % Total <u>Difference</u> | %0.0 | 0.0% | %0.0 | %00 | %0.0 | %0:0 | %00 | %00 | %0.0 |
|---|------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|
| Total <u>Difference</u> | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Proposed Rates Total <u>Revenue</u> | \$9,015.14 | \$17,530.28 | \$26,045.42 | \$34.560.56 | \$43.075.70 | \$64,363.56 | \$85,651,41 | \$106,939.26 | \$128,227.11 |
| Present Rates Total Revenue | \$9,015.14 | \$17,530.28 | \$26,045.42 | \$34,560.56 | \$43,075.70 | \$64,363.56 | \$85,651.41 | \$106,939.26 | \$128,227.11 |
| Average Off Peak kWh¹ | 33,288 | 92299 | 99,864 | 133,152 | 166,440 | 249,660 | 332,880 | 416,100 | 499,320 |
| Average On Peak <u>kwh</u> | 49,932 | 99,864 | 149,796 | 199,728 | 249,660 | 374,490 | 499,320 | 624,150 | 748,980 |
| Average Monthly <u>KVa</u> | 200 | 400 | 009 | 800 | 1,000 | 1,500 | 2,000 | 2,500 | 3,000 |
| | | | | | | | | | |

| Present Rates - Effective 1/1/2004: | | ć | | Proposed Rates - Effective 3/1/2004: | | | |
|---|--------------------------|---|---------------------------|---|--------------------------|--|----------------------------|
| Delivery Charges: | | } | | Delivery Charges: | | 7 | |
| Customer Charge | | \$500.00 | | Customer Charge | | \$500.00 | |
| Internal Transmission | <u>Ali kVA</u> \$0.21 | kWh \$0.00133 | On Peak | Internal Transmission | <u>All kVA</u> \$0.21 | kWh \$0.00133 | On Peak |
| External Transmission | \$0.00 | \$0.00064 \$0.00308 | Off Peak All | External Transmission | 00 05 | \$0.00064 | Off Peak |
| Transmission Subtotals | \$0.21 | \$0.00441 \$0.00372 | On Peak Off Peak | Transmission Subtotals | \$0.21 | \$0.00441 \$0.00372 | On Peak Off Peak |
| Distribution | \$2.95 | \$0.01225 | On Peak | Distribution | \$2.95 | \$0.01225 | On Peak |
| Seabrook Amortization Surcharge Distribution Subtotals | \$2.95 | \$0.00275 \$0.00710 \$0.01935 | Off Peak On Peak Off Peak | Seabrook Amortization Surcharge Distribution Subtotals | \$0.00 | \$0.00275 \$0.00710 \$0.01935 | Off Peak All On Peak |
| Energy Efficiency Charge Renewable Resources Charge Default Service Adjustment Transition Charge | \$3.83 | \$0.00250 \$0.00050 \$0.00050 \$0.00053 \$0.00063 | All All On Peak | Energy Efficiency Charge Renewable Resources Charge Default Service Adjustment Transition Charge | \$3.83 | \$0.00250 \$0.00250 \$0.00000 \$0.00000 | All Car |
| Supplier Charges: Generation Charge* | | \$0.06252 | All | Supplier Charges: Generation Charge* | | \$0.06252 | ₹ ₹ |
| Totals | \$6.99 | \$0.08981 \$0.07909 | On Peak Off Peak | Totals | \$6.99 | \$0.08981 \$0.07909 | On Peak Off Peak |

Assumes a 57% monthly load factor and 60% On Peak Energy Usage
 Default Service, Fixed

Fitchburg Gas and Electric Light Company
Default Service Typical Bill Analysis - January 2004 Default Service Rate Filing
Impact on GD-3 Rate Customers - 71% Load Factor and 43% On Peak Energy Usage

| ates Total Total Total <u>Difference</u> | \$0.00 | 48.60 80.00 0.0% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | |
|--|-------------|------------------|-------------|-------------|-------------|------------|-------------|--------------|-------------|
| Proposed Rates Total Revenue | | 0 \$20,648.60 | | | | | | | 75 770 7476 |
| Present Rates Total | \$10,574.30 | \$20,648.60 | \$30,722.9(| \$40,797.20 | \$50,871.50 | \$76,057.2 | \$101,243.0 | \$126,428.76 | 70 777 777 |
| Average Off Peak <u>kWh</u> 1 | 59,086 | 118,172 | 177,259 | 236,345 | 295,431 | 443,147 | 590,862 | 738,578 | 000 |
| Average On Peak KWh¹ | 44,574 | 89,148 | 133,721 | 178,295 | 222,869 | 334,304 | 445,738 | 557,173 | 700 000 |
| Average Monthly KVa | 200 | 400 | 009 | 800 | 1,000 | 1,500 | 2,000 | 2,500 | 000 6 |

| Present Rates - Effective 1/1/2004: | | 200 | | Proposed Rates - Effective 3/1/2004: | | GD.3 | |
|---|-----------------|--|--|---|------------------|--|-----------------------------------|
| Delivery Charges: Customer Charge | | \$500.00 | | Delivery Charges: Customer Charge | 4X1 | \$500.00 | |
| Internal Transmission | \$0.21 | \$0.00133 | On Peak | Internal Transmission | \$0.21 | \$0.00133 | On Peak |
| External Transmission Transmission Subtotals | \$0.00 | \$0.00044 \$0.00372 \$0.00372 | Oil Peak All On Peak Off Peak | External Transmission Transmission Subtotals | \$0.00 \$0.21 | \$0.00308 \$0.00441 \$0.00372 | All On Peak Off Peak |
| Distribution | \$2.95 | \$0.01225 | On Peak | Distribution | \$2.95 | \$0.01225 | On Peak |
| Seabrook Amortization Surcharge Distribution Subtotals | \$2.95 | \$0.00273 \$0.00710 \$0.01935 \$0.00985 | Off Peak Off Peak | Seabrook Amortization Surcharge Distribution Subtotals | \$0.00 | \$0.00213 \$0.00710 \$0.01935 \$0.00985 | All On Peak Off Peak |
| Energy Efficiency Charge Renewable Resources Charge Default Service Adjustment Transition Charge | \$3.83 | \$0.00250 \$0.00050 \$0.00000 \$0.00053 | All All On Peak Off Peak | Energy Efficiency Charge Renewable Resources Charge Default Service Adjustment Transition Charge | \$3.83 | \$0.00250 \$0.00050 \$0.00000 \$0.00053 \$0.000053 | All All On Peak Off Peak |
| Supplier Charges: Generation Charge* Totals | \$6.9 \$ | \$0.06252 \$0.08981 \$0.07909 | All On Peak Off Peak | Supplier Charges: Generation Charge* Totals | \$6.99 | \$0.06252 \$0.08981 \$0.07909 | All On Peak Off Peak |

Assumes a 71% monthly load factor and 43% On Peak Energy Usage * Default Service, Fixed

Fitchburg Gas and Electric Light Company
Default Service Typical Bill Analysis - January 2004 Default Service Rate Filing
Impact on GD-3 Rate Customers - 71% Load Factor and 48% On Peak Energy Usage

| Average Monthly <u>kVa</u> | Average On Peak <u>KWh</u> | Average Off Peak KWh | Present Rates Total Revenue | Proposed Rates Total Revenue | Total Difference | % Total Difference | |
|----------------------------------|----------------------------------|----------------------------|-----------------------------------|------------------------------------|---------------------|--------------------------|---|
| 700 | 49,757 | 53,903 | \$10,629.86 | \$10,629.86 | \$0.00 | %0.0 | |
| 400 | 99,514 | 107,806 | \$20,759.72 | \$20,759.72 | \$0.00 | %0.0 | |
| 009 | 149,270 | 161,710 | \$30,889.59 | \$30,889.59 | \$0.00 | %0:0 | |
| 800 | 199,027 | 215,613 | \$41,019.45 | \$41,019.45 | \$0.00 | %0:0 | |
| 1,000 | 248,784 | 269,516 | \$51,149.31 | \$51,149.31 | \$0.00 | %0:0 | - |
| 1,500 | 373,176 | 404,274 | \$76,473.97 | \$76,473.97 | \$0.00 | %0.0 | |
| 2,000 | 497,568 | 539,032 | \$101,798.62 | \$101,798.62 | \$0.00 | %0.0 | |
| 2,500 | 621,960 | 673,790 | \$127,123.28 | \$127,123.28 | \$0.00 | %0:0 | |
| 3,000 | 746,352 | 808,548 | \$152,447.93 | \$152,447.93 | \$0.00 | %0:0 | |
| | | | | | | | |

| GD-3 | \$500.00 \$500.00 | \$0.00133 On Peak | | \$0.01225 On Peak | \$0.00219 On Peak \$0.01935 On Peak \$0.00985 Off Peak | \$0.00250 All \$0.00050 All \$0.00000 All \$0.00053 On Peak \$0.00000 Off Peak | \$0.06252 All | |
|--------------------------------------|--------------------------------------|-----------------------|--|-------------------|--|---|---|--|
| | V/4 V | \$0.21 | \$0.00 | \$2.95 | \$2.95 | \$3.83 | | |
| Proposed Rates - Effective 3/1/2004: | Delivery Charges: Customer Charge | Internal Transmission | External Transmission Transmission Subtotals | Distribution | Seabrook Amortization Surcharge Distribution Subtotals | Energy Efficiency Charge Renewable Resources Charge Default Service Adjustment Transition Charge | Supplier Charges: Generation Charge* | |
| | | žak J | cak iak iak | ak Jak | ak ak | aak aak | | |
| | | | Off Peak Off Peak | On Peak | | All All On Peak | ₹ | |
| 60 | \$500.00 | \$0.00133 | \$0.00064 \$0.00308 \$0.00441 \$0.00372 | \$0.01225 | \$0.00275 \$0.00710 \$0.01935 \$0.00985 | \$0.00250 \$0.00050 \$0.00000 \$0.00053 \$0.00053 | \$0.06252 | |
| | | \$0.21 | \$0.00 | \$2.95 | \$0.00 \$2.95 | \$3.83 | | |
| Present Rates - Effective 1/1/2004: | Delivery Charges: Customer Charge | Internal Transmission | External Transmission Transmission Subtotals | Distribution | Seabrook Amortization Surcharge Distribution Subtotals | Energy Efficiency Charge Renewable Resources Charge Default Service Adjustment Transition Charge | Supplier Charges: Generation Charge* | |

Assumes a 71% monthly load factor and 48% On Peak Energy Usage * Default Service, Fixed

Fitchburg Gas and Electric Light Company
Default Service Typical Bill Analysis - January 2004 Default Service Rate Filing
Impact on GD-3 Rate Customers - 71% Load Factor and 60% On Peak Energy Usage

| % Total Difference | %0.0 | %0:0 | %0:0 | %0.0 | %0.0 | %0:0 | %0:0 | %0:0 | %0:0 |
|---|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|--------------|
| Total <u>Difference</u> | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Proposed Rates Total <u>Revenue</u> | \$10,763.21 | \$21,026.42 | \$31,289.63 | \$41,552.84 | \$51,816.05 | \$77,474.08 | \$103,132.11 | \$128,790.13 | \$154,448.16 |
| Present Rates Total Revenue | \$10,763.21 | \$21,026.42 | \$31,289.63 | \$41,552.84 | \$51,816.05 | \$77,474.08 | \$103,132.11 | \$128,790.13 | \$154,448.16 |
| Average Off Peak <u>kWh</u> | 41,464 | 82,928 | 124,392 | 165,856 | 207,320 | 310,980 | 414,640 | 518,300 | 621,960 |
| Average On Peak <u>kWh</u> 1 | 62,196 | 124,392 | 186,588 | 248,784 | 310,980 | 466,470 | 621,960 | 777,450 | 932,940 |
| Average Monthly <u>KVa</u> | 200 | 400 | 009 | 800 | 1,000 | 1,500 | 2,000 | 2,500 | 3,000 |
| | | | | | | | | | |

| | On Peak Off Peak | All On Peak Off Peak | On Peak | All Can Peak | All All On Peak Off Peak | All On Peak Off Peak |
|---|-----------------------|---|---------------------|---|---|--|
| GD-3 \$500.00 | \$0.00133 | \$0.00308 \$0.00441 \$0.00372 | \$0.01225 | \$0.01935 \$0.00985 | \$0.00250 \$0.00050 \$0.00000 \$0.00053 \$0.00000 | \$0.06252 \$0.08981 \$0.07909 |
| ∀ //1 = ∀ | \$0.21 | \$0.00 | \$2.95 | \$2.95 | \$3.83 | \$6.9 9 |
| Proposed Rates - Effective 3/1/2004: <u>Delivery Charges:</u> Customer Charge | Internal Transmission | External Transmission Transmission Subtotals | Distribution | Seabrook Amortization Surcharge Distribution Subtotals | Energy Efficiency Charge Renewable Resources Charge Default Service Adjustment Transition Charge | <u>Supplier Charges:</u> Generation Charge* Totals |
| | On Peak Off Peak | All On Peak Off Peak | On Peak Off peak | All On Peak | All All On Peak Off Peak | All On Peak Off Peak |
| GD-3 \$500.00 | \$0.00133 | \$0.00308 \$0.00441 \$0.00372 | \$0.01225 | \$0.00710 \$0.01935 \$0.00985 | \$0.00250 \$0.00050 \$0.00000 \$0.00053 \$0.000053 | \$0.06252 \$0.08981 \$0.07909 |
| **** | \$0.21 | \$0.00 | \$2.95 | \$0.00 | \$3.83 | \$6.99 |
| Present Rates - Effective 1/1/2004: Delivery Charges: Customer Charge | Internal Transmission | External Transmission Transmission Subtotals | Distribution | Seabrook Amortization Surcharge Distribution Subtotals | Energy Efficiency Charge Renewable Resources Charge Default Service Adjustment Transition Charge | <u>Supplier Charges:</u> Generation Charge* Totals |

Assumes a 71% monthly load factor and 60% On Peak Energy Usage
 Default Service, Fixed

Fitchburg Gas and Electric Light Company Default Service Typical Bill Analysis - January 2004 Default Service Rate Filing Impact on GD-4 Rate Customers

| 1 | Monthly Monthly KWh | Monthly | Present Rates Total <u>Revenue</u> | Proposed Rates Total Revenue | Total <u>Difference</u> | % Total <u>Difference</u> | |
|-----|---------------------|---------|--|------------------------------|----------------------------|---------------------------------|--|
| | 2,102 | 2,278 | \$514.95 | \$515.92 | \$0.96 | 0.5% | |
| 20 | 4,205 | 4,555 | \$1,023.08 | \$1,025.00 | \$1.93 | 0.2% | |
| 20 | 10,512 | 11,388 | \$2,547.45 | \$2,552.26 | \$4.82 | 0.2% | |
| 75 | 15,768 | 17,082 | \$3,817.75 | \$3,824.98 | \$7.23 | 0.2% | |
| 100 | 21,024 | 22,776 | \$5,088.06 | \$5,097.70 | \$9.64 | 0.2% | |
| 125 | 26,280 | 28,470 | \$6,358.37 | \$6,370.41 | \$12.05 | 0.2% | |
| 150 | 31,536 | 34,164 | \$7,628.68 | \$7,643.13 | \$14.45 | 0.2% | |

| Present Rates - Effective 1/1/2004: <u>Delivery Charges:</u> Customer Charge | | | GD-4 \$6.83 | Proposed Rates - Effective 3/1/2004: Delivery Charges: Customer Charge | | | GD-4 \$6.83 |
|---|----------------------------|---|---|---|--------------------------------------|---|--|
| Internal Transmission External Transmission Charge Transmission Subtotals | \$0.35 \$0.35 \$0.35 | On Peak Off Peak All On Peak | \$0.00146 \$0.00066 \$0.00308 \$0.00454 \$0.00374 | Internal Transmission External Transmission Charge Transmission Subtotals | All kW \$0.35 \$0.00 \$0.35 | On Peak Off Peak All On Peak Off Peak | \$0.00146 \$0.00146 \$0.00066 \$0.00308 \$0.00454 \$0.00374 |
| Distribution Seabrook Amortization Surcharge Distribution Subtotals | \$2.33 \$0.00 \$2.33 | On Peak Off Peak All On Peak Off Peak | \$0.00671 \$0.00148 \$0.00932 \$0.01603 \$0.01080 | Distribution Seabrook Amortization Surcharge Distribution Subtotals | \$2.33 \$0.00 \$2.33 | On Peak Off Peak All On Peak Off Peak | \$0.00671 \$0.00148 \$0.00932 \$0.01603 \$0.01080 |
| Energy Efficiency Charge Renewable Resources Charge Default Service Adjustment Transition Charge | \$8.99 | All All On Peak Off Peak | \$0.00250 \$0.00050 \$0.00000 \$0.00917 \$0.00000 | Energy Efficiency Charge Renewable Resources Charge Default Service Adjustment Transition Charge | 88.99 | All All On Peak Off Peak | \$0.00250 \$0.00050 \$0.00000 \$0.00917 \$0.00000 |
| Supplier Charges: Generation Charge* Totals | \$11.67 | All On Peak Off Peak | \$0.06453 \$0.09727 \$0.08207 | Supplier Charges: Generation Charge* Totals | \$11.67 | All On Peak Off Peak | \$0.08475 \$0.09749 \$0.08229 |

Assumes a 60% monthly load factor and 48% On Peak Energy Usage
 Default Service, Fixed

Fitchburg Gas and Electric Light Company Default Service Typical Bill Analysis - January 2004 Default Service Rate Filing Impact on GD-5 Rate Customers

| Average Monthly | Present Rates Total | Proposed Rates Total | Total | % Total | |
|--------------------|------------------------|-------------------------|------------|------------|--|
| KA KA | Revenue | Revenue | Difference | Difference | |
| 100 | \$12.91 | \$12.93 | \$0.02 | 0.2% | |
| 200 | \$25.82 | \$25.86 | \$0.04 | 0.2% | |
| 300 | \$38.73 | \$38.80 | \$0.07 | 0.2% | |
| 400 | \$51.64 | \$51.73 | \$0.09 | 0.2% | |
| 200 | \$64.55 | \$64.66 | \$0.11 | 0.2% | |
| 750 | \$96.83 | \$96.99 | \$0.16 | 0.2% | |
| 1000 | \$129.10 | \$129.32 | \$0.22 | 0.2% | |
| 1500 | \$193.65 | \$193.98 | \$0.33 | 0.2% | |
| 2000 | \$258.20 | \$258.64 | \$0.44 | 0.2% | |
| 2500 | \$322.75 | \$323.30 | \$0.55 | 0.2% | |
| | | | | | |

| Present Rates - Effective 1/1/2004: | * | ! | Proposed Rates - Effective 3/1/2004: | |
|-------------------------------------|-----------------------|-----------|--------------------------------------|-----------|
| | | GD-5 | : | GD-6 |
| Delivery Charges: | | | Delivery Charges: | |
| Customer Charge | | \$0.00 | Customer Charge | \$0.00 |
| | | KWh | | kWh |
| Internal Transmission | | \$0.00226 | Internal Transmission | \$0.00226 |
| External Transmission | | \$0.00308 | External Transmission | \$0.00308 |
| | Transmission Subtotal | \$0.00534 | Transmission Subtotal | \$0.00534 |
| Distribution | | \$0.03709 | Distribution | \$0.03709 |
| Seabrook Amortization Surcharge | | \$0.00932 | Seabrook Amortization Surcharge | \$0.00932 |
| | Distribution Subtotal | \$0.04641 | Distribution Subtotal | \$0.04641 |
| Energy Efficiency Charge | | \$0.00250 | Energy Efficiency Charge | \$0.00250 |
| Renewable Resources Charge | | \$0.00050 | Renewable Resources Charge | \$0.00050 |
| Default Service Adjustment | | \$0.00000 | Default Service Adjustment | \$0.0000 |
| Transition Charge | | \$0.00982 | Transition Charge | \$0.00982 |
| Supplier Charges: | | | Supplier Charges: | |
| Generation Charge* | | \$0.06453 | Generation Charge* | \$0.06475 |
| | Total | \$0.12910 | Total | \$0.12932 |
| | | | | |

^{*} Default Service, Fixed

Fitchburg Gas and Electric Light Company Default Service Typical Bill Analysis - January 2004 Default Service Rate Filing Impact on SD Rate Customers

| | Lumens | Luminaire | Average Monthly kWh | Present Rates Total <u>Revenue</u> | Proposed Rates Total <u>Revenue</u> | Total <u>Difference</u> | % Total <u>Difference</u> |
|-----|------------------|---------------------------------|------------------------|--|---|----------------------------|---------------------------------|
| | Mercury Vapor: | | | | | | |
| 1 | 3,500 | Residential and Commercial Type | 39.25 | \$10.21 | \$10.22 | \$0.01 | 0.1% |
| 2 | 7,000 | Residential and Commercial Type | 68.25 | \$13.54 | \$13.56 | \$0.02 | 0.1% |
|] 3 | 3,500 | Street and Highway Type | 39.25 | \$10.21 | \$10.22 | \$0.01 | 0.1% |
| 4 | 7,000 | Street and Highway Type | 68.25 | \$13.54 | \$13.56 | \$0.02 | 0.1% |
| 5 | 20,000 | Street and Highway Type | 157.25 | \$27.58 | \$27.62 | \$0.03 | 0.1% |
| 6 | 60,000 | Street and Highway Type | 369 | \$58.83 | \$58.91 | \$0.08 | 0.1% |
| 7 | 20,000 | Flood Light Type | 157.25 | \$28.99 | \$29.03 | \$0.03 | 0.1% |
| 8 | 3,500 | Power Bracket Included | 39.25 | \$10.53 | \$10.54 | \$0.01 | 0.1% |
| 9 | 7,000 | Power Bracket Included | 68.25 | \$14.02 | \$14.04 | \$0.02 | 0.1% |
| | High Pressure So | dium: | | | | | |
| 10 | 3,300 | Residential and Commercial Type | 20 | \$7.60 | \$7.61 | \$0.00 | 0.1% |
| 11 | 9,500 | Residential and Commercial Type | 40.25 | \$10.52 | \$10.53 | \$0.01 | 0.1% |
| 12 | 3,300 | Street and Highway Type | 20 | \$7.60 | \$7.61 | \$0.00 | 0.1% |
| 13 | 9,500 | Street and Highway Type | 40.25 | \$10.52 | \$10.53 | \$0.01 | 0.1% |
| 14 | 20,000 | Street and Highway Type | 85 | \$17.92 | \$17.94 | \$0.02 | 0.1% |
| 15 | 50,000 | Street and Highway Type | 161.25 | \$29.09 | \$29.12 | \$0.04 | 0.1% |
| 16 | 140,000 | Street and Highway Type | 378 | \$63.90 | \$63.98 | \$0.08 | 0.1% |
| 17 | 50,000 | Flood Light Type | 161.25 | \$31.44 | \$31.47 | \$0.04 | 0.1% |
| | Omamental Light | ing: | | | | | |
| 18 | 3,300 | Street and Highway Type | 20 | \$6.45 | \$6.46 | \$0.00 | 0.1% |

| Present Rates - Effective 1/1/2004: | | Proposed Rates - Effective 3/1/2004: | |
|-------------------------------------|------------------|--------------------------------------|------------------------|
| 110001111000-21100000 17720-4. | SD | Troposod Nation Ellevista Strategy | SD |
| Delivery Charges: | | Delivery Charges: | - |
| Customer Charge | \$0.00 | Customer Charge | \$0.00 |
| Customer Charge | kWh | Customer Charge | kWh |
| Internal Transmission | \$0,00044 | Internal Transmission | \$0,00044 |
| External Transmission | • | External Transmission | • |
| | \$0.00308 | | \$0.00308 \$0.00353 |
| Transmission Subtotal | \$0.00352 | Transmission Subtotal | \$0.00352 |
| Distribution | \$0.00057 | Distribution | \$0.00057 |
| Seabrook Amortization Surcharge | \$0.00766 | Seabrook Amortization Surcharge | \$0.00766 |
| Distribution Subtotal | \$0.00823 | Distribution Subtotal | \$0.00823 |
| Energy Efficiency Charge | \$0.00250 | Energy Efficiency Charge | \$0.00250 |
| Renewable Resources Charge | \$0,00050 | Renewable Resources Charge | \$0.00050 |
| Default Service Adjustment | \$0.00000 | Default Service Adjustment | \$0.0000 |
| Transition Charge | \$0.00982 | Transition Charge | \$0.00982 |
| Supplier Charges: | | Supplier Charges: | |
| Generation Charge* | <u>\$0.06453</u> | Generation Charge* | <u>\$0.06475</u> |
| Total | \$0.08910 | Total | \$0.08932 |
| * Default Service, Fixed | | | |

| | Internal | | Access Charge- | | Internal | 1 | ransition Charge- | |
|-------------------|---------------------|----------------|----------------|--------------|---------------------|---------------------|-------------------|--------------|
| uminaire Charges: | <u>Transmission</u> | Distribution | Base Component | <u>Total</u> | <u>Transmission</u> | <u>Distribution</u> | Power Supply | <u>Total</u> |
| 1 | \$0.23 | \$6.48 | \$0.00 | \$6.71 | \$0.23 | \$6.48 | \$0.00 | \$6.7 |
| 2 | \$0.27 | \$7.19 | \$0.00 | \$7.46 | \$0.27 | \$7.19 | \$0.00 | \$7.4 |
| 3 | \$0.23 | \$6.48 | \$0.00 | \$6.71 | \$0.23 | \$6.48 | \$0.00 | \$6.7 |
| 4 | \$0.27 | /\$7.19 | \$0.00 | \$7.46 | \$0.27 | \$7.19 | \$0.00 | \$7.4 |
| 5 | \$0.52 | \$13.05 | \$0.00 | \$13.57 | \$0.52 | \$13.05 | \$0.00 | \$13.5 |
| 6 | \$1.02 | \$24.93 | \$0.00 | \$25.95 | \$1.02 | \$24.93 | \$0.00 | \$25.9 |
| 7 | \$0.56 | \$14.42 | \$0.00 | \$14.98 | \$0.56 | \$14.42 | \$0.00 | \$14.9 |
| 8 | \$0.24 | \$6.79 | \$0.00 | \$7.03 | \$0.24 | \$6.79 | \$0.00 | \$7.0 |
| 9 | \$0.29 | \$7.65 | \$0.00 | \$7.94 | \$0.29 | \$7.65 | \$0.00 | \$7.9 |
| 10 | \$0.20 | \$5.62 | \$0.00 | \$5.82 | \$0.20 | \$5.62 | \$0.00 | \$5.8 |
| 11 | \$0.24 | \$6.69 | \$0.00 | \$6.93 | \$0.24 | \$6.69 | \$0.00 | \$6.9 |
| 12 | \$0.20 | \$5.62 | \$0.00 | \$5.82 | \$0.20 | \$5.62 | \$0.00 | \$5.8 |
| 13 | \$0.24 | \$6.69 | \$0.00 | \$6.93 | \$0.24 | \$6.69 | \$0.00 | \$6.9 |
| 14 | \$0.39 | \$9.96 | \$0.00 | \$10.35 | \$0.39 | \$9.96 | \$0.00 | \$10.3 |
| 15 | \$0.56 | \$14.16 | \$0.00 | \$14.72 | \$0.56 | \$14.16 | \$0.00 | \$14.7 |
| 16 | \$1.18 | \$29.04 | \$0.00 | \$30.22 | \$1.18 | \$29.04 | \$0.00 | \$30.2 |
| 17 | \$0.64 | \$16.43 | \$0.00 | \$17.07 | \$0.64 | \$16.43 | \$0.00 | \$17.0 |
| 18 | \$0.16 | \$4.51 | \$0.00 | \$4.67 | \$0.16 | \$4.51 | \$0.00 | \$4.6 |